

Abstract of the Disclosure

An illumination and modulation device is described, as well as a method for modulating the exposure intensity in the integrating digital screen imaging system (IDSI), comprising a light source, a light modulator, and various devices. The object of the invention is to present a device and a method with which the exposure quality can be optimized using simple means. The object on which the invention is based is attained by the fact that the device comprises at least one device for varying the number of cells of the light modulator used to expose the photosensitive material or by the fact that, in the method according to the invention, the number of cells of the light modulator used to expose the photosensitive material can be varied.

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